



SOCIAL BUREAU

Together for a Better Community

Social Bureau – Decentralized Justice System Platform

Abstract

Over the past decade, the digital economy has experienced rapid growth. As a side effect, digital fraud and cybercrime has also grown exponentially. Traditional dispute resolution methods such as courts and international arbitration are ineffective in handling the large volume of fraud and cybercrime cases that cross national borders. A Decentralized Justice System is a new approach to online dispute resolution, crime prevention, crime suppression, and victim relief that combines blockchain technology and crowdsourcing methods to produce a revolutionary justice system which is radically more efficient than the traditional justice system.

Introduction

The estimated global losses from cybercrime were just under a record 1 trillion USD for the year 2020 alone. Millions of people have been victimized throughout the globe, and due to the differences in law and the overlapping of international jurisdictions, it is almost impossible for victims to receive any form of remediation or the return of their stolen assets through formal judiciary channels.

Social Bureau is a Decentralized Community-oriented Justice Technology platform that aims to create an opportunity for victims to seek justice and the possibility to recover their stolen assets. Our platform is built on the foundation of cybercommunity engagement, utilizing AI and Blockchain technology, to find the best possible solution for cybercrime victims throughout the globe through the careful measuring of evidence. Victims can file their cases, post bounties, resolve disputes, and utilize information from cyber-investigators on our platform.

Our mission is to prevent and fight crime through enhanced cooperation of the community and the disruptive technology of AI, blockchain and smart contract on crime prevention and suppression, and to provide victim relief and compensation.

We provide society with an opportunity to fight crime together without having to deal with the differences of laws and regulations, or the limitation of sovereignty and borders. At Social Bureau, we encourage everyone to work together for a better community.

Ecosystem

There are 2 main cryptocurrencies used in the Social Bureau Ecosystem: STABLECOIN and JANDRA (JUTC), which are still under development and will soon be ready for launch .

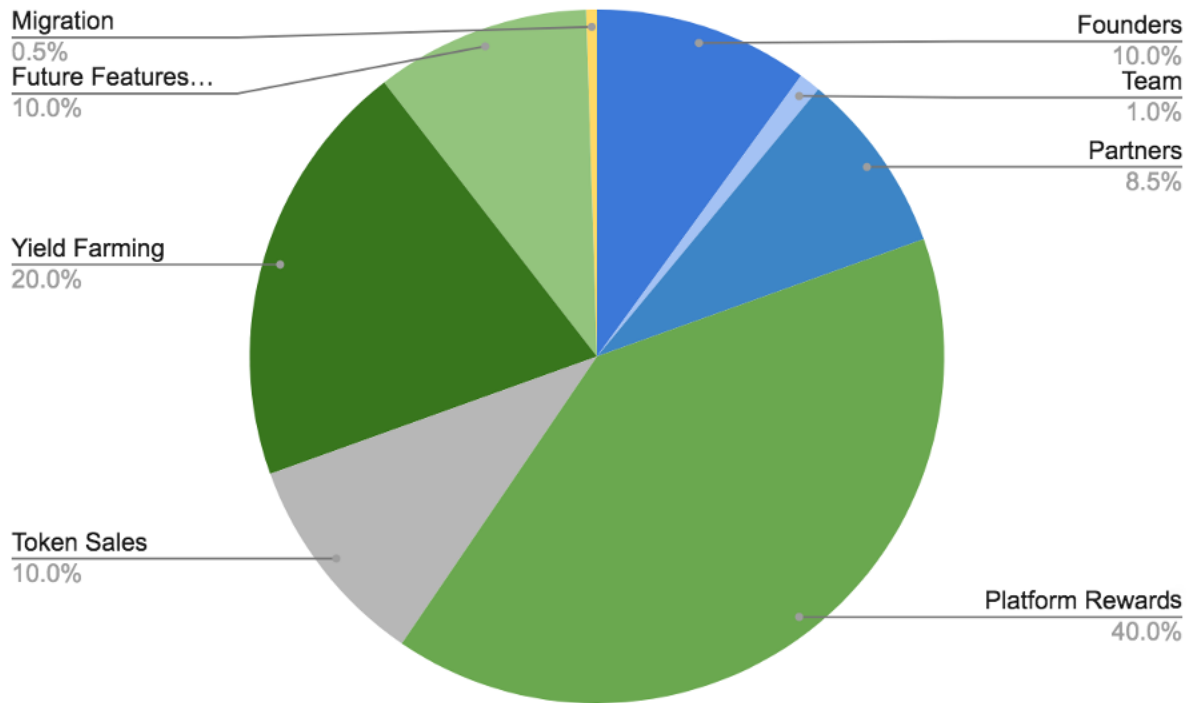
STABLECOIN

STABLECOIN is a token with a stable value pegged to USD, and a collateral backing at a 1:1 ratio. Therefore the value of 1 STABLECOIN will always be equivalent to 1 USD. STABLECOIN is designed to enable efficient exchange on the Social Bureau.

JANDRA (JUTC)

The JANDRA (JUTC) token is a governance token which is an integral part of our ecosystem. JANDRA (JUTC) token holders have rights to participate in making decisions on our platform and future development of our ecosystem. JUTC tokens can be earned as a reward for Liquidity Providers in our Liquidity Pools or purchased by swapping other cryptocurrencies on 'Social Bureau Finance', our Decentralized Exchange. Besides yield farming, the Social Bureau platform also rewards JUTC to users for staking, completing tasks, reporting crimes, and verifying information. The hard cap on total JUTC supply is 5,000m tokens. More than 70% of the token supply is allocated for the Social Bureau's community.

JANDRA (JUTC) Allocation



Founders	10.00%	500,000,000
Team	1.00%	50,000,000
Partners	8.50%	425,000,000
Platform Rewards	40.00%	2,000,000,000
Token Sales	10.00%	500,000,000
Yield Farming	20.00%	1,000,000,000
Future Features Development	10.00%	500,000,000
Migration	0.50%	25,000,000

Technology Stacks

1. Endpoints Design

1.1 Landing: socialbureau.io (wordpress) => Lightsail

1.2 API: api.socialbureau.io (NextJS) => Vercel

1.3 Report: app.socialbureau.io (NextJS) => Fargate / dApp

1.4 Escrow as a Service (Admin): => Vercel

-escrow.socialbureau.io (NextJS dApp frontend)

-escrow-api.socialbureau.io (NextJS)

-Web3 / EthersJS

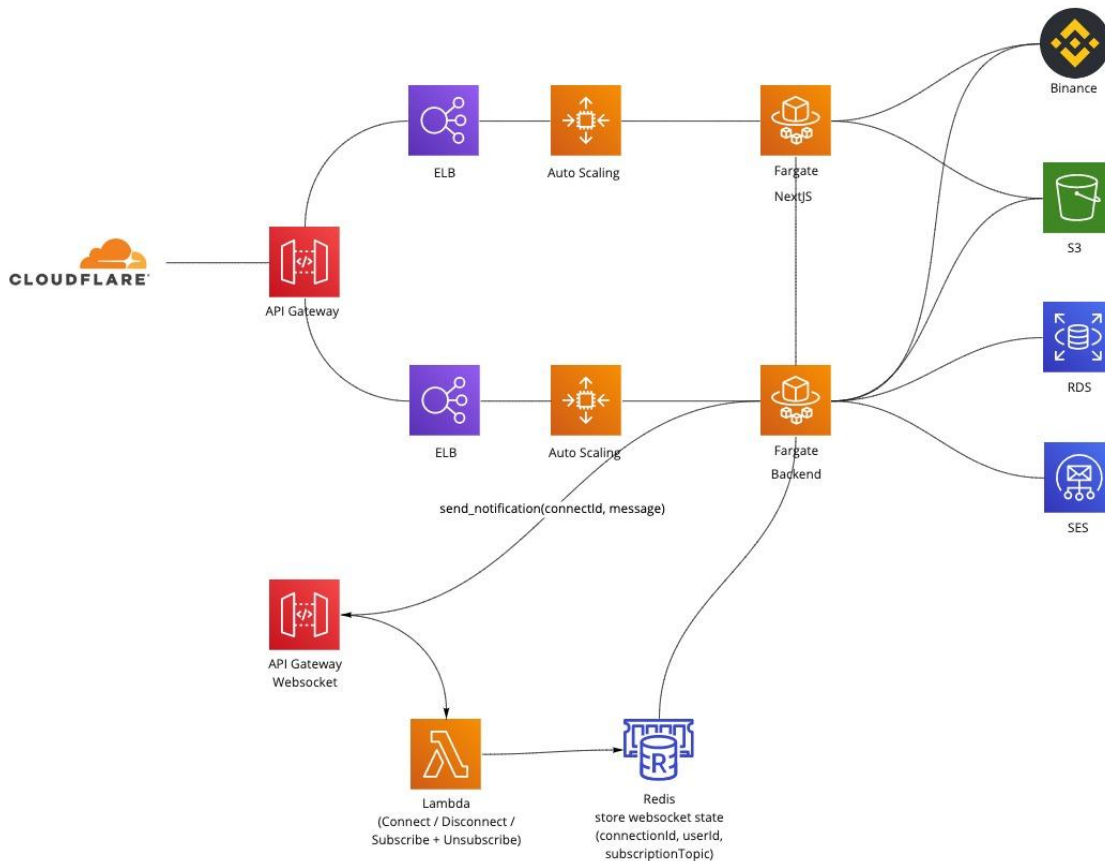
-Off-chain RESTful API / Subgraph

1.5 Farm/DEX

-Farm: socialbureau.finance => Vercel

-DEX: exchange.socialbureau.finance => Vercel

-Migration: migration.socialbureau.finance => Firebase



2. Architecture

- React / NextJS / NodeJS
- Flask
- Django
- Express
- Apollo
- GraphQL
- ElasticSearch
- Keras
- Mongo
- MySQL

Social Bureau Features

1. Crime Prevention

1.1 Background Checks

- Allows people, businesses, and agencies to check the criminal record or review of an entity before committing to any transaction.
- A user can run a background check on an entity free of charge for 30 checks/30 days.
- From the 31st check onwards, a fee of 3 STABLECOIN will be charged per check.

1.2 Reliable Business Guarantee

- Provides community reviews, feedback, and comments for both online & offline businesses to promote their sales.
- Any online or offline business can present our sign with a QR code on their website or in front of their establishment for their customers and clients to check the reliability of their business on the blockchain.
- Our platform charges a subscription fee for this service in STABLECOIN.

1.3. Pawn Chain

- Turns a physical asset into a digital on-chain asset.
- Allows individuals to take physical assets to pledge on the blockchain.
- Cooperating with pawn shops as a trustworthy intermediary to verify and preserve the physical collateral, then issue an NFT and broadcast it on the blockchain space for any pledgee to consider lending STABLECOIN to the pledgor and earn Interest.
- The pawn shop earns 6.25% service fee and 0.5% on every transaction of the NFT.
- Social Bureau earns 0.5% on every transaction of the NFT.
- Pledgees earn interest according to the law of their jurisdictions.
- In case that the pledgor fails to pay back, the pawn shop will seize the asset and send the asset to the pledgee.

2. Crime Suppression

2.1 Crime Reporting

- Allows anyone to report a crime anonymously with integrity and consideration.
- Uses of AI
 - Evaluate the credit of the source of information.
 - Evaluate the confirmation of information.
 - Analyze and process crime data.
- Users earn credit from truthfully and accurately reporting crimes and validating information, which can be redeemed into real money.

All users must first go through a screening and verification process to ensure that their claims are legitimate and are not in any way slanderous in nature.

2.2 Bounty Hunting

- Allows the victim of a crime to offer a bounty to anyone who can complete an assigned task.
- Bounty Hunters can leverage the resources produced and collected by Social Bureau's AI and big data systems, along with information submitted by other users to complete their tasks and earn rewards.
- Results of their investigations must first be verified before final submission to the victims.
- The first Bounty Hunter who submits the task earns 70% of the bounty.
- The Social Bureau members who verify the task share 20% of the bounty.
- Social Bureau earns 10% of the bounty.

How Bounty Hunting Works for Victims?



1. Create a Task: Victims can explain the nature of the crime that has happened to them. They can then determine the type of task that they would like our cyber community to perform.
2. Determine Task Criteria: Victims can determine what types of criteria that they wish for the community to complete.
3. Set a Deadline: Victims can then set a timeframe and deadline for the completion of the tasks.
4. Stake a Reward: At this step, Victims will need to determine and put the reward into escrow using STABLECOIN. 70 percent of the reward will be paid out to the main individual that completes the task. 20 percent will be divided among verifiers of the task results. 10 percent will go to the Social Bureau platform.
5. Completion of Tasks Before Deadline: Our community will set out to complete the tasks before the stated deadline, and will submit the results to be verified.
6. Task Completed: Tasks will be fully verified and completed.
7. Release of funds: The reward that was put into escrow will be released to the specified parties, according to their contribution.

Victims can also request the assistance of our customer service to guide them throughout the Victim Reporting process.

How Bounty Hunting Works for Bounty Hunters?

1. Users will have to register on our platform to become a bounty hunter.
2. Select a task they wish to complete and start working to find the solution.
3. Submit the task and wait for the verifiers to verify the accuracy of the result.
4. Receive the reward if their submitted task is accurate.

Bounty Verification

- Affirmative Verification

Users will be able to verify and state that the work submitted by the Bounty Hunter is accurate. Verifiers will pledge a percentage of the reward (eg. 20%) with their own assets as guarantee that their verification is accurate. Verifiers will lose their stake if their verification turns out to be inaccurate. Funds will be released after one week from the submission of investigation results.

- Counter Verification

Users will be able to conduct counter verifications if they feel that the results of the verification is inaccurate. Users can make counter arguments by conducting their own counter verification

to dispute the claims stated by the verifier. Users will also have to stake their funds to dispute the claims, as a guarantee that they are accurate. They will lose their stake if they are deemed inaccurate. Funds will be released after one week from the submission of the investigation result.

3. Dispute Resolution

3.1 Community Court

- Allows the community to help settle disputes between two parties.
- The voters must stake STABLECOIN or JUTC as a guarantee of their considered judgment.
- The score is counted from the reliability score of each voter.
- Those whose judgements are considered will earn 20% of the bounty or some incentives.
- Those whose judgments are not considered will be subjected to a deduction of their reliability score and lose their stake.

3.2 Community Consensus

- Anyone can raise current issues occurring around them and have members of the Social Bureau community vote on which side should prevail. People can also submit evidence that they collected themselves to support their own voting decision or help others to reach their conclusions, and create fruitful discussions regarding the issue.

Parties utilizing the Dispute Resolution feature of Social Bureau need to agree to give up their rights to settle their disputes through any traditional judiciary channel before settling their dispute on the Social Bureau platform. Parties can only appeal the verdict through the Social Bureau platform.

4. Victim Compensation

4.1 Case Settlement

- Those who have been confirmed as a perpetrator will find it difficult to conduct transactions and regular business dealings in real life, unless they

negotiate and settle their case with the victim. The victim's report will then be cleared with the status of "reported and settled."

5. Victim Relief

5.1 Community Consultation Panel

- Allows the community to provide advice or suggestions to victims of crimes.

5.2 Fundraising and Donations

- Allows the community to raise funds for victims who may have financial difficulty in resolving certain cases, and to also donate their tokens to charitable causes.

6. Business and Trademark Registration

Assists users and new businesses to register their trademarks on the blockchain. Users must provide sufficient evidence to prove the unique nature of their trademark, and the community will help to scour the internet to review and ensure that they are the original creators of the trademark.

Once approved, they will be registered on our site, and shown on the blockchain as proof that they are the first and original creators and owners of the trademark.

Financial Forecast

https://docs.google.com/spreadsheets/d/1a5VkkK33-PiM6B1jr6rxFjDyC_T7gF6U6ciYBCnkk77Q/edit?usp=sharing

Road Map

Q3 2021: Building up the concept and the team, Partner with Erudite, Aquario, Building up the infrastructure, Website landing page.

Q4 2021: Building up the governance methodology, Partner with FORUS Digital, Partner with OTO Public Company, Private Sale, Launch Yield Farming, Inject JUTC liquidity on Pancakeswap.

Q1 2022: Crime Reporting, Metamask, Smart contract, Security audit by Inspex, Submit JUTC to Coinmarketcap, Coingecko and other listings.

Q2 2022: Bounty Hunting, Background Check, Reliable Business Guarantee, Suspect Identification, Pawnchain, Security audit by Certik.

Q3 2022: Community Court, Community Consensus, Case Settlement, Fundraising and Donations, Security audit by Peckshield.

Project Timeline		Setup	Production					
Budget management		14.29 %	14.29 %	14.29 %	14.29 %	14.29 %	14.29 %	14.29 %
Month		M01	M02	M03	M04	M05	M06	M07
Task ID	Setup							
1	Social Bureau Finance							
2	Decentralized Exchange							
3	Yield Farming							
Production								
4	Crime Reporting							
5	Crime Prevention & Investigation Report							
6	Pawn Chain							
7	Bounty Hunting							
8	Community Court							
9	Case Settlement							
10	Fund Raising & Donation							

Conclusion

Social Bureau is founded by an expert in International Treaty and Litigation partnering with a Leading Blockchain studio and a Leading Artificial Intelligence & Analytical Data company. Migrating from a traditional justice system to the Social Bureau platform will enhance transparency, efficiency, and circumvent the limitations of national sovereignty. The combination of Social Bureau features, Blockchain Technology, AI, Big Data, and crowdsourcing paves the way towards a better society, while the economic incentive design of Social Bureau encourages more people to commit good deeds. A Decentralized Justice System platform is a necessity of our fast and ever-changing world.

Social Bureau, Together for a Better Community.

Disclaimer

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www.socialbureau.io